

07-25-00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL LETTER

Attorney Docket No.: JG00009

Mailing Date: July 24, 2000  
Express Mail EL568745641US

To: Assistant Commissioner for Patents  
Box Patent Application  
Washington D.C., 20231

Dear Sir:

Transmitted herewith for filing under 37 C.F.R. 1.53(b) is a:

- ☒ New Nonprovisional Utility Patent Application; or
- ☐ Continuation; or ☐ Divisional; or ☐ Continuation-In-Part (CIP);  
of prior US Application No. \_\_\_\_\_, filed on \_\_\_\_\_, having U.S.  
Examiner \_\_\_\_\_, in Group Art Unit \_\_\_\_\_

Of: Nada El-Zein, Jamal Ramdani, Kurt Eisenbeiser, and Ravindranath Droopad

For: HETEROJUNCTION TUNNELING DIODES AND PROCESS FOR FABRICATING  
SAME

- ☒ 7 sheets of drawings and 60 pages of specification and claims.
- ☒ Newly executed oath or declaration combined with Power of Attorney on 2 pages.
- ☐ Copy of oath or declaration from prior U.S. application serial no. \_\_\_\_\_  
☐ The following named inventor(s) from the prior application are hereby deleted from this  
application in accordance with 37 C.F.R. 1.63(d)(2) and 1.33(b):  
\_\_\_\_\_

☐ Foreign priority to EPO patent application having serial number \_\_\_\_\_ and a filing date of  
\_\_\_\_\_, is hereby claimed under 35 USC 119.

☒ An Assignment Transmittal Letter and Assignment of the invention to Motorola, Inc.

☒ An Information Disclosure Statement (IDS), with PTO-1449, and 28 citation copies.

☒ Return Receipt Postcard.

☐ Preliminary Amendment.

☐ Please cancel pending claims \_\_\_\_\_.

☐ Incorporation by Reference (for Continuation/Division/CIP application). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. Since the present application is based on a prior US application, please amend the specification by adding the following sentence before the first sentence of the specification:

"The present application is based on prior US application No. \_\_\_\_\_, filed on \_\_\_\_\_, which is hereby incorporated by reference, and priority thereto for common subject matter is hereby claimed."

☐ Applicant hereby petitions pursuant to 37 C.F.R. § 1.136(a) for a \_\_\_\_\_ month extension of time for response to the outstanding Official Action mailed \_\_\_\_\_. The period for response was previously set to elapse \_\_\_\_\_, and is accordingly hereby extended to \_\_\_\_\_, which is still within the six-month statutory period for response (35 U.S.C. § 133) which elapses \_\_\_\_\_. The reason for this petition is that a Division, Continuation, or CIP is being filed, and it is desired to maintain the present application in pending condition pursuant to 35 USC § 120 through at least the filing of the Division, Continuation, or CIP application. The required Extension Fee established by 37 C.F.R. § 1.17(a) pursuant to 35 U.S.C. § 41(a) (8) is:

07/24/00  
JC860 U.S. PTO

JC864 U.S. PTO  
09/624691  
07/24/00

00624691 072400

| EXTENSION                             | FEE        |
|---------------------------------------|------------|
| <input type="checkbox"/> First Month  | \$110.00   |
| <input type="checkbox"/> Second Month | \$380.00   |
| <input type="checkbox"/> Third Month  | \$870.00   |
| <input type="checkbox"/> Fourth Month | \$1,360.00 |
| <input type="checkbox"/> Fifth Month  | \$1,850.00 |

- ☒ The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CANCELED BY AMENDMENT

| FOR                       | NUMBER<br>OF CLAIMS | NUMBER<br>EXTRA | RATE   | FEE          |
|---------------------------|---------------------|-----------------|--------|--------------|
| TOTAL CLAIMS              | 60 - 20 =           | 40              | x \$18 | = \$ 720.00  |
| INDEPENDENT CLAIMS        | 4 - 3 =             | 2               | x \$78 | = \$ 156.00  |
| MULTIPLE DEPENDENT CLAIMS |                     |                 | \$260  | = \$ 0.00    |
| BASIC FEE                 |                     |                 |        | = \$ 690.00  |
| TOTAL FILING FEE          |                     |                 |        | = \$ 1566.00 |

- ☒ Please charge Deposit Account No. 13-4771 in the amount of \$ 1566.00 for the Total Filing Fee, and the Extension Fee under 37 C.F.R. §1.136(a), if applicable.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required now or in the future during the entire pendency of this application under 37 C.F.R. 1.16 or 37 C.F.R. 1.17, including any present or future time extension fees which may be required, or credit any overpayment to Deposit Account No. 13-4771.
- ☒ This sheet is submitted in duplicate.

This transmittal letter has 2 total pages.

24 July 2010  
DATE

Motorola, Inc.  
Customer Number: 23330

William E. Koch 29,659  
William E. Koch REG. NO.

Attorney of Record  
Telephone No.: (480) 441-4281  
Facsimile No.: (480) 441-5220